

Kenneth Liang

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

San Francisco, CA

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, MongoDB, Node.js, Express.js, MySQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Tableau, JIRA, Amazon Web Services (AWS), Babel, Rest API

PROJECTS

Seat Check (React, Redux, JavaScript, SQL, Ruby on Rails, AWS cloud S3, Google Maps APIs)

[Live Site](#) | [Github](#)

A full-stack web application with an OpenTable-inspired UX/UI, where users can reserve seatings at their local restaurant.

- Utilized Redux lifecycle methods, AJAX calls, and RESTFUL API to create reservations, leave reviews, and add restaurants to a user's favorites list
- Implemented interactive search and filtering system (price, location, cuisine, etc.) to dynamically refine fetched results, which eliminated the need for additional asynchronous calls
- Combined React state with PostgreSQL database using JBuilder to optimize queries to the back-end
- Leveraged AWS S3 for image storage and utilized file compression to reduce latency and storage cost

FitBook - Front-end Lead (MongoDB, Express.js, ReactJS, NodeJS, NoSQL, Bootstrap, Typescript)

[Live Site](#) | [Github](#)

Fitness tracking web application that allows users to create, track, and share custom workouts

- Facilitated discussions and decisions around writing high-quality designs and optimizing UI features
- Utilized Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to frontend, separating concerns and following MVC best practices.
- Improved user functionality by incorporating an easy to use dynamic calendar and image previewer
- Implemented user authentication using MongoDB, Node, Express.js by utilizing JSON Web Token (JWT)

WorldWide Pen (JavaScript, HTML5, CSS3)

[Live Site](#) | [Github](#)

A JS incremental game that pits you against market forces. Your job is to make and sell pens - but as you earn more money, you get better and new ways to do the job.

- Incorporated the use of localStorage to save user's data in the browser and persist even when the window is closed.
- Engineered unfolding layers of gaming complexity of game state changes that rely on Object-Oriented Programming
- Generated elements of automation that allow the game to be played even with fewer user actions
- Authored algorithms to generate a subsequent cost for upgrades to strike a balance between predictability and scalability

EXPERIENCE

Senior Credit Operations Analyst

LendingClub, Nov 2018 - Dec 2019

- Used analytical techniques to investigate loan performance data and identify pockets of underperformance and conduct root cause analysis to help recommend risk mitigation or performance enhancement strategies
- Developed test automation model that identifies lending exploitations that prevents \$18 million in losses annually
- Integrated 3rd party APIs to analyze bank transaction data that reduces loss from delinquency and improve customer borrowing eligibility
- Transformed one-time projects into repeatable code for production machine learning systems

Credit Analyst

LendingClub, July 2017 - Nov 2018

- Acted as the friendly subject matter expert (SME) for credit operations and supported cross-department collaborations
- Slashed abandoning rates by 15% in high-volume hours by leading Member Support MarketPlace initiative to improve customer satisfaction
- Issued \$74.85 million loan revenue in first 12 months and averaged 98% QA score maintaining top 10 ranking monthly

TripShot Technician

Google, Feb 2016 - July 2017

- Responsible for troubleshooting, migrating, and updating software on Android devices
- Prepared accurate documentation and communication to facilitate the elimination of issues and create efficient bug fixes
- Headed all applicable mobile hardware & software inventory

EDUCATION

App Academy - Immersive software engineering course with focus on full-stack web development and applications (Summer 2020)

San Jose State University - BS - Business Analytics (Winter 2016)